

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

100/08711

First Inventor or Application Identifier

Wada

Title

Methods and Systems for Monitoring Intracellular...

Express Mail Label No.

EL544598731US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 CFR 1.27
3. ☒ Specification
(preferred arrangement set forth below) Total Pages **25**
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

- ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **5**
- ☒ Oath or Declaration Total Pages **2**
- a. ☐ Newly executed (original or copy)
- b. ☐ Unexecuted Oath or Declaration
- c. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 C.F.R.
§§1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☒ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☒ Specification Sequence Listing on
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ Paper
- c. ☒ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☒ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement ☐ Copies of IDS
(IDS)/PTO-1449 Citations()
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation ☒ Divisional ☐ Continuation-in-Part (CIP) ☐ of prior application No: **09/750,638**

Prior application information: Examiner **Taylor** Group/Art Unit: **1655**

For CONTINUATION OR DIVISIONAL only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5c, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label**021569**or ☐ Correspondence Address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

Country

State

Telephone

Zip Code

Fax

Name

Matthew B. Murphy

Registration No.

39,787

Signature

Date

3/5/02**CERTIFICATE OF EXPRESS MAILING under 37 CFR 1.10**

Express Mail Label No:

EL544598731US

Date of Deposit

March 5, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Typed Name of Person Mailing Paper or Fee

Michelle Chan

Signature

Michelle Chan

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Complete if Known

Application Number			
Filing Date		Herewith	
First Named Inventor		Wada	
Examiner Name		Taylor	
Group/Art Unit		1655	
Attorney Docket No.		100/08711	
TOTAL AMOUNT OF PAYMENT		\$884	

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Acct. No. 03-0177

Deposit Acct. Name Caliper Technologies Corp.

☒ 1.16 and 1.17

1.16 and 1.17

☐ Applicant claims small entity status. See 37 CF\$ 1.27

2. Payment Enclosed:
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					740

2. EXTRA CLAIM FEES					
Total claims	Extra claims	Fee from below		Fee Paid	
28	-20** = 8	x 18	=	144	
Independent Claims	1	-3** = 0		84	=
Multiple Dependent					

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	135	Multiple dependent claims, if new	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					144

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

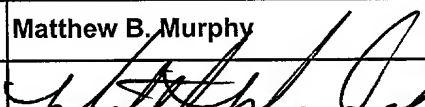
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	920	217	460	Extension for response within third month	
118	1440	218	720	Extension for response within fourth month	
128	1960	228	980	Extension for response within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Matthew B. Murphy	Reg. Number	39,787
Signature		Deposit Account	03-0177
Date	3/5/02	User ID	

CERTIFICATE OF EXPRESS MAIL under 37 CFR 1.10

Express Mail Label No: EL544598731US Date of Deposit March 5, 2002
 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Signature Michelle Chan Typed Name of Person Mailing Paper or Fee Michelle Chan

Express Mail Label No. EL544598731US

PATENT
100/08711

Date of Deposit March 5, 2002
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By Michelle Chan
Michelle Chan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

H. GARRETT WADA et al.

Application No.: Unknown

Filed: Herewith

For: METHODS AND SYSTEMS FOR
MONITORING INTRACELLULAR
BINDING REACTIONS

Examiner: **Unknown**

Art Unit: Unknown

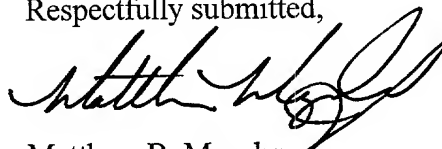
TRANSMITTAL OF SEQUENCE
LISTING

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

The above captioned application is a divisional of USSN 09/750,638, filed December 28, 2000. A computer readable form of the sequence listing was submitted in the parent on June 29, 2001. Pursuant to 37 CFR §1.821(e), Applicant requests the Examiner rely on the previously submitted computer readable sequence listing as the computer readable form for the instant application. Applicant submits herewith a paper copy of the Sequence Listing. The information recorded in computer readable form is identical to the written sequence listing, as required under 37 CFR §1.821(f).

Respectfully submitted,



Matthew B. Murphy
Reg. No. 39,787

CALIPER TECHNOLOGIES CORP.
605 Fairchild Drive
Mountain View, CA 94043
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MBM:mc

20020305 100925001

STATEMENT UNDER 37 CFR 3.73(b)

Applicant. H. Garrett Wada et al.

Application No.: 09/750,638

Filed: December 28, 2000

Entitled: Methods and Systems for Monitoring Intracellular Binding Reactions

Caliper Technologies Corp., a

Delaware corporation,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ____, Frame ____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ____, Frame ____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ____, Frame ____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/22/01
Date


Signature

J. Wallace Parce

Typed or printed name

Vice President, Research

Title